

Application No. 10/660,028
Response to Office Action

Customer No. 01933

Listing of Claims:

1. (Currently Amended) A printer [[,]] comprising:

a casing having a first casing member and a second casing member ~~arranged to be separable and provided separably for opening or closing exposing and covering an inside part through a~~
5 ~~relative displacement of the casing by opening and closing the~~
second casing member ~~in~~ with respect to the first casing member;

a guide path arranged in the casing to guide a paper;

a printing section ~~having~~ including a platen and a printhead
~~located oppositely with provided on opposite sides of the guide~~
10 ~~path interposed therebetween;~~

a cutter section which ~~has~~ includes a stationary blade and a movable blade ~~located oppositely with provided on opposite sides~~
of the guide path ~~interposed therebetween and which~~ cuts a paper
printed at the printing section by engaging the movable blade
15 with the stationary blade;

a first unit arranged in the first casing member and located on one side of the guide path and ~~having any~~ including one of the platen and the printhead and ~~any one of the stationary blade and the movable blade;~~

20 a second unit ~~arranged in the casing~~ directly attached to the second casing member so as to be movable by a predetermined amount with respect to the second casing member, located on the other side of the guide path and having ~~any~~ the other one of the

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other platen and the other printhead and ~~any the other~~ one of the
25 other stationary blade and the other movable blade, wherein the
printhead and the platen ~~being~~ are oppositely faced to each other
~~under a closed state of when the casing to cause is closed such~~
~~that~~ the stationary blade and the movable blade ~~to be~~ are
positioned ~~at a location where to cut the paper can be cut, and~~
30 wherein the printhead and the platen ~~being~~ are moved away from
each other ~~under an opened state of when the casing and directly~~
~~fixed to the second casing member to cause is open such that the~~
stationary blade and the movable blade ~~to be~~ are moved away from
each other; and
35 a connecting mechanism for removably connecting the second
unit to the first unit by position setting the first unit and the
second unit such that when the casing is closed, the printhead
and the platen are oppositely faced to each other and the
stationary blade and the movable blade are positioned to cut the
40 paper.

Claim 2 (Canceled).

3. (Currently Amended) The printer ~~unit~~ according to
claim ~~2~~ 1, wherein the connecting mechanism ~~has~~ comprises:

a plurality of connecting shafts mounted in one of the ~~units~~
first unit and the second unit , ~~with the~~ such that axes thereof

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- 5 are directed orthogonally to the ~~direction of guide~~ a paper transfer direction of the paper along the guide path, and
a plurality of support sections provided in the other one of the first unit and the second unit to ~~allow the fitting of fit~~
the connecting shafts therein.

Claim 4 (Canceled).

5. (Currently Amended) The printer unit according to claim 3, wherein the platen ~~has~~ comprises a paper support section for supporting the paper, and a supporting shaft extending at both ends of the paper support section and ~~acting as~~ so as to be
5 one of the connecting shafts.

6. (Currently Amended) The printer according to claim 3, further comprising:

- a paper guide ~~arranged at~~ provided in one of the ~~units~~ first unit and the second unit supporting so as to support one side of
5 the paper at ~~a more~~ an upstream side of ~~the~~ paper transferring direction ~~than~~ with respect to the platen; and

- wherein one of the connecting shafts oppositely faces against the paper guide so as to enable hold the paper to be held between it the one of the connecting shafts and the paper guide
10 ~~under a state in which~~ when the first unit and the second unit are connected by the connecting mechanism.

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7. (Currently Amended) The printer according to claim 1,
further comprising a movable blade holding section ~~arranged at~~
~~provided in one of the first unit and the second unit for holding~~
~~with the movable blade and to removably holding hold~~ the movable
5 blade.

8. (Currently Amended) The printer according to claim 1,
further comprising:

a driving source ~~arranged at provided in~~ the first casing
member to generate ~~the a~~ driving force ~~to for~~ the platen, the
5 printhead and the movable blade; and

a driving force transmission mechanism ~~arranged at provided~~
~~in~~ the first casing member to transmit the driving force
generated by the driving source to the platen, the printhead and
the movable blade.

9. (Currently Amended) A commodity information processing
apparatus, comprising [[:]] :

a commodity information processing section for processing
information concerning a commodity;

5 a casing having a case and an opening/closing cover ~~that~~
~~which~~ can be separated ~~and for opening or closing exposing and~~
~~covering~~ an inside part ~~through a relative displacement of the~~

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casing by opening and closing the opening/closing cover in with
respect to the case;

10 a guide path arranged in the casing to guide a paper;

a printing section ~~having~~ including a platen and a printhead
~~located oppositely with~~ provided on opposite sides of the guide
path ~~interposed therebetween;~~

15 a cutter section which ~~has~~ includes a stationary blade and a
movable blade ~~located oppositely with~~ provided on opposite sides
of the guide path ~~interposed therebetween~~ and which cuts a paper
printed at the printing section by engaging the movable blade
with the stationary blade;

20 a first unit arranged in the ~~casing~~ case and located on one
side of the guide path and ~~having any~~ including one of the platen
~~or and~~ the printhead and any one of the stationary blade ~~or and~~
the movable blade;

25 a second unit ~~arranged in the casing and~~ directly attached
to the opening/closing cover so as to be movable by a
predetermined amount with respect to the opening/closing cover,
located on the other side of the guide path and having ~~any the~~
other one of the ~~other~~ platen ~~or and~~ the ~~other~~ printhead and any
the other one of the ~~other~~ stationary blade ~~or and~~ the ~~other~~
movable blade, wherein the printhead and the platen being are
30 oppositely faced to each other ~~under a closed state of when~~ the
casing ~~to cause~~ is closed such that the stationary blade and the

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movable blade ~~to be~~ are positioned at ~~a location where to cut~~ the
paper ~~can be cut~~, and wherein the printhead and the platen being
are moved away from each other ~~under an opened state of when~~ the
35 ~~casing and directly fixed to the opening/closing cover to cause~~
is open such that the stationary blade and the movable blade ~~to~~
be are moved away from each other; and

a connecting mechanism for removably connecting the second
unit to the first unit by position setting the first unit and the
40 second unit such that when the casing is closed the printhead and
the platen are oppositely faced to each other and the stationary
blade and the movable blade are positioned to cut the paper.

Claim 10 (Canceled).

11. (Currently Amended) The commodity information
processing apparatus according to claim ~~1~~ 9, wherein the
connecting mechanism ~~has~~ comprises:

a plurality of connecting shafts mounted in one of the ~~units~~
5 first unit and the second unit, ~~with the~~ such that axes thereof
are directed orthogonally to ~~the direction of guide~~ a paper
transfer direction of the paper along the guide path, and

a plurality of support sections provided in the other ~~one of~~
the first unit and the second unit to ~~allow the fitting of fit~~
10 the connecting shafts therein.

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Claim 12 (Canceled).

13. (Currently Amended) The commodity information processing apparatus according to claim 11, wherein the platen ~~has~~ comprises a paper support section for supporting the paper, and a supporting shaft extending at both ends of the paper support section ~~and acting as~~ so as to be one of the connecting shafts.

14. (Currently Amended) The commodity information processing apparatus according to claim 11, further comprising:

a paper guide ~~arranged at~~ provided in one of the ~~units~~ first unit and the second unit ~~supporting so as to support~~ one side of the paper at ~~a more~~ an upstream side of ~~the~~ paper transferring direction ~~than~~ with respect to the platen; and

wherein one of the connecting shafts oppositely faces against the paper guide so as to enable hold the paper ~~to be held~~ between ~~it~~ the one of the connecting shafts and the paper guide ~~under a state in which~~ when the first unit and the second unit are connected by the connecting mechanism.

15. (Currently Amended) The commodity information processing apparatus according to claim 9, further comprising a movable blade holding section ~~arranged at~~ provided in one of the

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first unit and the second unit for holding with the movable blade
5 and to removably holding hold the movable blade.

16. (Currently Amended) The commodity information
processing apparatus printer according to claim 9, further
comprising:

a driving source ~~arranged at~~ provided in the case to
5 generate the a driving force to for the platen, the printhead and
the movable blade; and

a driving force transmission mechanism ~~arranged at~~ provided
in the case to transmit the driving force generated by the
driving source to the platen, the printhead and the movable
blade.